

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Complete If Known

Application Number	10/660,209
Filing Date	September 11, 2003
First Named Inventor	A. Bartholomew Flick
Group Art Unit	3743
Examiner Name	Kim M. Lewis

Sheet 1 of 3 Attorney Docket Number ARG 0022 CON(2)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		1,498,059		Tyler	06-17-1924	
		1,545,413		Elmvall	07-07-1925	
		1,975,518		Rose	10-02-1934	
		1,989,282		Kimble et al.	01-29-1935	
		3,543,760		Bolduc	12-01-1970	
		3,799,162		Romera-Sierra et al.	03-26-1974	
		3,817,253		Gonser	06-18-1974	
		3,845,771		Vise	11-05-1974	
		3,911,906		Reinhold, Jr.	10-14-1975	
		3,914,488		Gorrafa et al	10-1975	
		4,213,463		Osenkarski	07-22-1980	
		4,240,437		Church	12-23-1980	
		4,312,340		Donadelli	01-26-1982	
		4,456,001		Pescatore	06-26-1984	
		4,509,535		Bryan	04-09-1985	
		4,510,939		Brennan et al.	04-16-1985	
		4,554,923		Batters	11-26-1985	
		4,556,051		Maurer	12-03-1985	
		4,664,118		Batters	05-12-1987	
		4,867,166		Axelgaard et al.	09-19-1989	
		4,937,323		Silver et al.	06-26-1990	
		5,038,797		Batters	08-13-1991	
		5,067,478		Berlant	11-26-1991	

Examiner's Signature	Date Considered
----------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

¹ Unique citation designation number ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SENT TO: Assistant Commission for Patent, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/660,209
		Filing Date	September 11, 2003
		First Named Inventor	A. Bartholomew Flick
		Group Art Unit	3743
		Examiner Name	Kim M. Lewis
Sheet	2	of	3
		Attorney Docket Number	

Examiner's Signature		Date Considered	
-------------------------	--	--------------------	--

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

¹ Unique citation designation number ² See attached *Kinds of U.S. Patent Documents*. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant to whom a check mark here if

Rank of document by the appropriate symbols as indicated on the document under WFO Standard 811. Is possible. Applicant to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SENT TO: Assistant Commission for Patent, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/660,209
(use as many sheets as necessary)		Filing Date	September 11, 2003
		First Named Inventor	A. Bartholomew Flick
		Group Art Unit	3743
		Examiner Name	Kim M. Lewis
Sheet	3	of	3
		Attorney Docket Number	ARG 0022 CON(2)

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner's Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ³
		BECKER et al., "Clinical Exp. With Low Intensity Direct Current Stimulation of Bone Growth," <i>Clin. Orthop. & Rel. Res.</i> , (1977) Vol. 124, pp. 75-83.	
		BECKER et al., "Electrochemical Mechanisms and the Control of Biological Growth Processes," <i>Modern Aspects of Electrochemistry</i> , (1971) No. 10, pp. 289-338.	
		BECKER et al., "Experience with Low-Current Silver Electrode Treatment of Nonunion," <i>Electrical Prop. Bone & Cartilage</i> (ed. C.T. Brighton, et al.), (1979).	
		BERGER et al., "Electrically Generated Silver Ions: Quantitative Effects on Bacterial & Mammalian Cells," <i>Antimicrob. Agents & Chemother</i> , (1976) Vol. 9, pp. 357-358.	
		HILL et al., "Inhibitory and Cidal Antimicrobial Actions of Electrically Generated Silver Ions," <i>J. Oral & Maxillofac. Surg.</i> , (1987) Vol. 45, pp. 779-784.	
		MARINO et al., "Electrochemical Properties of Silver-Nylon Fabrics," <i>Electrochemical Science and Technology</i> , (1985) Vol. 132, No. 1, pp. 68-72.	
		SPADARO et al., "Experience with Anodic Silver in the Treatment of Osteomyelitis," 25 th Ann. ORS Mtg., (February 20-22, 1979).	
		SPADARO et al., "Some Specific Cellular Effects of Electrically Injected Silver & Gold Ions," <i>Bioelectrochem. & Bioenergetics</i> , (1976) Vol. 3, pp. 49-57.	
		URIST et al., "Bone Morphogenesis in Implants of Insoluble Bone Gelatin," <i>Proc. Nat. Acad. Sci. USA</i> , (1973) Vol. 70, No. 12, Part I, pp. 3511-3515.	

Examiner's Signature	Date Considered
----------------------	-----------------

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

² Unique citation designation number ³ See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SENT TO: Assistant Commissioner for Patent, Washington, DC 20231.